

ATTORNEY DOCKET NO. 093615600016**ABSTRACT**

This application is directed to systems and methods for adaptive monitoring of a wireless network with bandwidth constraints. A data unit from a wireless node is received. When a bandwidth constraint is satisfied, the received data unit is buffered.

- 5 When the bandwidth constraint is not satisfied, the received or buffered data unit is transmitted to a monitoring processor. In some instances, downsampling, data discard and data aggregation can occur during the buffering process.